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From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
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Today's Topics:

Collins tool

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Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 03 Jun 93 05:17:18 GMT
From: usc!wupost!csus.edu!netcom.com!netcomsv!bongo!skyld!jangus@network.UCSD.EDU
Subject: Collins tool
To: info-hams@ucsd.edu

In article <C7yIL7.9Go@srngenprp.sr.hp.com> alanb@sr.hp.com writes:

>
> stark (mswmod@nimbus.sage.unr.edu) wrote:
>
> : The old 75A sieres used a lot of Bristol Spline fastners. They
> : look like allen but with extra groves.
>
> : Xxelite makes them. I get them from many mail order co's. Jensen etc.
>
> : This may be what you have. Allen wrenches will go in but slip just
> : before you get enough pressure on it to move!!
>
> Will Torx wrenches work in spline fasteners? They do look alike.
>
> AL N1AL

No. they are not the same. The difference with the fittings are as this example, >< vs)(both are "X" shaped. The spline shafts that were used from around WWII, have square edges. The Torx(tm) shape is a computer generated complex curve. Note, some of the Torx screw heads now have a dimple in them. Regular tools won't fit, they require the "security version" of the Torx driver. (It has a matching dimple in the end of the tool.)

Obviously in the true amateur tradition (and some auto mechanics I've seen) just take your screwdriver, and hammer it into the hole in the end of the fastener. Then after you've made both the tool and the screw unusable, you can replace them both with a matching pair. (Tool and screw)

Another series of fasteners to watch out for are the cross slotted screw heads. These come in a total of four variations. Phillips which is what most of them are. Reed-Prince look like Phillips, but the shape has an additional X indentation on the top of the screwhead. (These are common on most Hewlett Packard equipment). Torque-set look similar to Phillips, but the notches are offset. And of course, then there is the Japanese cross head. It doesn't fit anything properly. But then that's not their problem is it? [insert stupid smiley emoticon for the humor impaired]

73 es GE from Jeff

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End of Info-Hams Digest V93 #676
